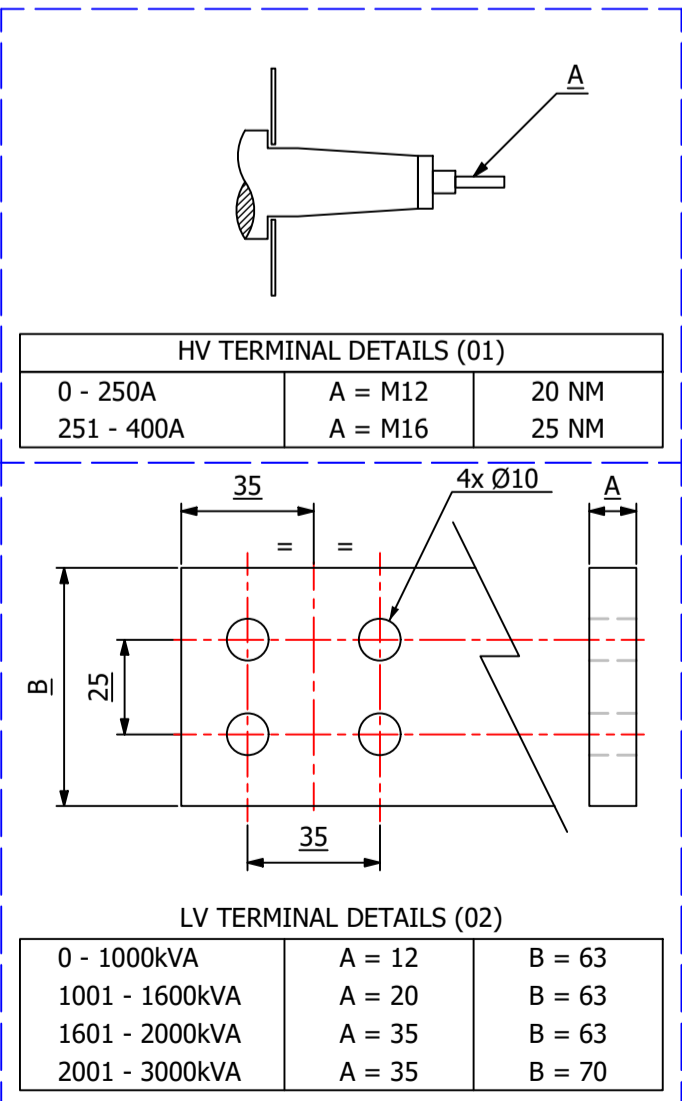


ESSENTIAL LABELS

- 10 OFF-CIRCUIT TAP CHANGER WARNING LABEL
- 06 COLD COOLANT LEVEL - C.O.L. 15°C
- 02 LV WARNING LABEL
- 01 HV WARNING LABEL



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	5000
TANK AND FITTING	kg	1700
COOLING LIQUID VOLUME	L	2280
COOLING LIQUID WEIGHT	kg	1855
TOTAL TX WEIGHT	kg	8555

2500kVA ELECTRICAL RATINGS					
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
11000 / 415V	+7.5 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	HV Side	LV Side
Design Impedance at Normal Tap	No Load Losses at rated Voltage & Frequency	Full Load Losses at rated Current & at 75°C Temp.	Temp. Rise above Ambient 40°C		
6%	870W	16500W	in Oil by Therm.	in Wdg. by Res.	
			60°C	65°C	

GENERAL NOTES

- ALL DIMENSIONS ARE IN 'mm'.
- ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.
- ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).
- TOLERANCE ON IMPEDANCE PER IEC:60076.
- PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4 SPEC.

ITEM	QTY	DESCRIPTION
19	1	SHUT OFF VALVE FOR CONSERVATOR
18	1	DETACHABLE CONSERVATOR
17	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
16	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
15	1	PRESSURE RELIEF DEVICE (TYPE 208)
14	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 7S x 40P)
13	2	DRAIN VALVE (25NB) with MALE PLUG
12	4	JACKING PADS
11	1	RATING & DIAGRAM PLATE (SS)
10	4	TRANSFORMER LIFTING LUGS
9	1	OFF-CIRCUIT TAP SWITCH (6-Position & Padlockable)
8	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
7	1	TOP COVER with LIFTING LUGS (x2)
6	1	OIL LEVEL GAUGE with 15° COLD OIL LEVEL MARK
5	1	AIR VENT PIPE (3/4") FOR DEHYDRANT BREATHER
4	2	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES & BRACING
2	1	LV CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 4 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV CABLE BOX - 12kV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'E' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq

IF IN DOUBT - ASK. REMOVE ALL SHARP EDGES. DO NOT SCALE. DRAWING NOT TO SCALE

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION	REV	PROJECT
ORIGINAL	00	CUSTOMER
		S.O. NUMBER
		P.O. NUMBER
		W.O. NUMBER

DATE	PROJECT	DRAWING TITLE
19-JUN-2020		GENERAL ARRANGEMENT DRAWING FOR 2500kVA WILSON e3 ECOTRANS ULTRA LOW LOSS 11000/415V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER

DRAWN BY	DATE	DRG NO
S. MALLETT	19/06/2020	WPS-E3-2500-AL-GA

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